

What is claimed is:

1. A safety test support system for managing data concerning chemical safety tests on a living body to which a chemical has been given, the data including the condition of the body and/or the like, the system comprising:

first program storage for storing application programs for the safety tests, the programs being functionally partitioned according to data items and/or operations:

an activating means for activating at least one program selected from the application programs:

second program storage for storing check programs each for detecting a change in one of the application programs during the system operation; and

an inspection conducting means for detecting changes in the application programs by sequentially executing the stored check programs in response to an inspection conducting signal.

2. The safety test support system according to Claim 1 wherein, if a change that does not affect the system operation is detected in one of the application programs during the system operation, the associated check program ignores the change, and wherein, if a change that affects the system operation is detected in one of the application programs during the system operation, the associated check program regards the change as a change.

3. The safety test support system according to Claim 1 wherein the inspection conducting means inspects the application programs by:

identifying the application program associated with each of the check programs;

inputting a pseudo-signal directly to the identified application program;  
detecting a response signal responsive to the input pseudo-signal; and  
comparing the detected response signal with a response signal detected before the inspection.

4. The safety test support system according to Claim 3 wherein the pseudo-signal is input without passing through an operation system.

5. The safety test support system according to Claim 3 wherein the pseudo-signal is input through an operation system.

6. The safety test support system according to Claim 1 and further comprising:  
a displaying means for displaying a list of the application programs stored in the first program storage;

a program selecting means for selecting one or more of the displayed application programs;

the activating means being adapted to activate the selected application program or programs;

an activation confirming means for confirming at predetermined intervals whether the activated application program or any of the activated application programs is active; and

a user authenticating means for requesting at predetermined intervals that authentication information on the user of the support system be input while the activation confirming means is confirming whether the activated program or any of the activated programs is active.

7. The safety test support system according to Claim 6 and further comprising an authentication information holding means for holding validity information on the user authentication by the user authenticating means, wherein, when each of the selected application programs is activated, the execution of the activated application program is started if the user authentication is valid, and the execution of the activated application program is not started if the user authentication is invalid, on the basis of the held validity information.

8. A safety test support method for managing data concerning chemical safety tests on a living body to which a chemical has been given, the data including the condition of the body and/or the like, the method comprising the steps of:

storing application programs for the safety tests in first program storage, the programs being functionally partitioned according to data items and/or operations;

activating, by means of an activating means, at least one program selected from the application programs;

storing, in second program storage, check programs each for detecting a change in one of the application programs during the system operation; and

detecting changes in the application programs by means of an inspection conducting means by sequentially executing the stored check programs in response to an inspection conducting signal.

9. A safety test support program for managing data concerning chemical safety tests on a living body to which a chemical has been given, the data including the condition of the body and/or the like, the program being so adapted as to make a computer system execute the steps of:

storing application programs for the safety tests in first program storage, the programs being functionally partitioned according to data items and/or operations;

activating, by means of an activating means, at least one program selected from the application programs;

storing, in second program storage, check programs each for detecting a change in one of the application programs during the system operation; and

detecting changes in the application programs by means of an inspection conducting means by sequentially executing the stored check programs in response to an inspection conducting signal.